

IN THE CLAIMS:

Please cancel claims 7-13 without prejudice.

1-13. (Canceled).

14. (Original) A device for determining the position of a pick-up head relative to a disk which is divided into a plurality of sections, comprising:

a position detector for receiving a frequency variation (FA), a track on success signal (TOS) and a frequency of disk rotation signal (FODR), and outputting a pick-up head ready signal (PUHRDY);

a position condition detecting unit for receiving a frame synchronous signal (FRAMESYNC) and a frequency of disk rotation signal (FODR), and outputting an optic pick-up head position signal, the position condition detecting unit including:

a counting unit that receives the FRAMESYNC signal and the FODR signal and outputting a FRAMESYNC per FODR;

a position counting unit that receives a feedback optic pick-up head position signal and outputs an upper limit and a lower limit for the current section;

a comparing unit that receives the FRAMESYNC per FODR, the upper limit, and the lower limit of the current section, and outputs the optic pick-up head position signal.